

# Roof Replacement: College -- No. 876664

Category  
Agency  
Planning Area  
Relocation Impact

Montgomery College  
Montgomery College  
Countywide

Date Last Modified  
Required Adequate Public Facility

November 13, 2006  
NO

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY06	Rem. FY06	Total 6 Years	FY07	FY08	FY09	FY10	FY11	FY12	Beyond 6 Years
Planning, Design and Supervision	980	539	79	362	54	95	92	57	31	33	0
Land											
Site Improvements and Utilities											
Construction	6,446	3,362	586	2,498	246	784	616	377	206	269	0
Other											
Total	7,426	3,901	665	2,860	300	879	708	434	237	302	0

## FUNDING SCHEDULE (\$000)

G.O. Bonds	3,996	1,932	333	1,731	150	589	354	217	119	302	0
Current Revenue:											
General	1,248	1,248	0	0	0	0	0	0	0	0	0
State Aid	2,182	721	332	1,129	150	290	354	217	118	0	0

## ANNUAL OPERATING BUDGET IMPACT (\$000)

### DESCRIPTION

This project provides for the replacement/major repair of roofs and entrance canopies on buildings at all three campuses, including the addition of roof insulation as part of the replacement work. Project costs are based on comprehensive roof surveys of all College buildings completed in 2004.

### JUSTIFICATION

The College has implemented a roof replacement/renovation program to respond to the aging of building roofs. The program provides for the periodic evaluation of roofs on a four year cycle. The current roof replacement/major repair schedule (2004) delineates specific building projects through FY12. This schedule will be updated again in FY08. Roofs requiring major renovation are generally ten years or older in age. In the initial replacement cycle, approximately 33% of the construction cost is for the addition of roof insulation on each building. Added insulation results in an average five year payback due to reduced energy costs and lower first costs of mechanical equipment retrofits in building renovations. This project is coordinated with the College's building renovation program and with the replacement of major roof-top building equipment.

### Plans and Studies

Collegewide Roof Surveys (2004), Collegewide Facilities Condition Assessment (8/02) and Collegewide Facilities Master Plan (1/04).

### STATUS

Continuing project to be coordinated with building renovations. The current project list (provided below) is based on a Collegewide roof survey completed in 2004.

### OTHER

By County Council Resolution #12663, the cumulative project appropriation was reduced by \$65,000 in FY92. In addition, the State share was reduced \$65,000 in FY92. FY87-FY91, and FY93 project funding was 100% current revenue. FY92 funding was current revenue and State aid. No appropriations were made to this project in FY94 and FY95. In FY96, funding was changed to G.O bonds and State aid. State aid applies only to roof replacement design and construction. Roof surveys are 100% County G.O. bond funded.

The FY03 appropriation request of \$327,000 (\$231,000 - G.O. Bonds and \$96,000 - State Aid) was combined with \$136,000 in unused State aid previously appropriated by the County to provide a total of \$463,000 in funding for the planned FY03 roof replacement projects.

FY2008 Appropriation: \$879,000 (\$589,000 -- G.O. Bonds and \$290,000 -- State Aid).

\* Project expenditures will continue indefinitely.

## AGENCY REQUEST

### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY87	(\$000)
Initial Cost Estimate		589
First Cost Estimate		
Current Scope	FY03	5,263
Last FY's Cost Estimate		7,329
Present Cost Estimate		7,426
Appropriation Request	FY08	879
Supplemental		
Appropriation Request	FY07	0
Transfer		0
Cumulative Appropriation		4,866
Expenditures/		
Encumbrances		3,894
Unencumbered Balance		972
Partial Closeout Thru	FY05	0
New Partial Closeout	FY06	0
Total Partial Closeout		0

### COORDINATION

Energy Conservation (CIP#816611)  
PLAR: College (CIP#926659)  
FY05 -- Macklin Tower Low Roof (RV), CAB (RV),  
and Student Services - A,B (RV)  
FY06 -- Theatre Arts (RV), Computer Science (RV)  
and Mannakee (RV)  
FY07 -- Science North (TP/SS)  
FY08 -- Collegewide Roof Surveys & Major Repairs,  
Science & Applied Studies Clay Tile (GT) and PE  
Clay Tile (GT)  
FY09 -- Physical Education (RV)  
FY10 -- Campus Center (RV)  
FY11 -- North Pav. (TP/SS), Math Pav. (TP/SS),  
Info. Sci. Pav. (TP/SS), Student Services Pav.  
(TP/SS)  
FY12 -- Collegewide Roof Survey & Major Repairs

Montgomery College asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

### MAP

